Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 07 Jan 2021 until 23:59 on Friday 08 Jan 2021

Forecast Issued on Wednesday 06 Jan 2021 at 13:58

Confidence: High confidence for cold conditions for the first few days and some snow fall on Thursday and Friday. Also high confidence for freezing level rising over the weekend with some lower level snow melting and becoming more unsettled.

Headline for Thursday 07 Jan 2021: Cloudy with a few outbreaks of snow later, poor visibility at times.

Mountain weather hazards on Thursday 07 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Fog	Mist	Cloudy	Dull	Light snow	Light snow
Precipitation probability							
<05%	10%	10%	10%	30%	30%	60%	60%

Forecast for Thursday 07 Jan 2021

Weather: A cold clear night but clouding over by dawn, some mist and fog/freezing fog patches. Staying cloudy after dawn with some outbreaks of snow by late mid afternoon, these will mainly be light but some accumulations at higher levels and they continue through the evening at times.

Chance of cloud free mountain/hill tops above 600m: 20-30%, outbreaks of snow throughout the day and fog at times.

Visibility: Around day break there will be some patchy low cloud above 400m however this will become extensive in the afternoon will linger most of the day. In heavier outbreaks of snow visibility may become very poor for a time.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 07 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 N	5/9 W	7/10 W	8/12 SW	10/14 SW	9/13 W	7/11 W	9/13 NW	10/16 N
300	4/5 SW	3/5 SW	4/6 SW	4/6 S	4/7 SW	5/7 W	4/7 W	4/7 W	6/9 NW
Valley	1/3 NW	2/4 N	2/3 S	2/4 SE	2/6 S	2/6 SW	2/6 S	2/7 NW	3/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-5	-3/-6	-3/-7	-3/-8	-2/-8	-2/-7	-2/-6	-2/-6	-2/-7
300	-1/-3	-1/-4	-2/-4	-2/-4	-1/-3	-0/-3	-0/-3	-0/-3	-0/-4
Valley	-3/-4	-3/-5	-2/-4	-2/-4	-1/-2	-0/-2	-0/-2	-0/-2	-0/-2
Freezing Level*	00m	00m	00m	00m	100m	200m	200m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Snow expected to lie to low levels but only small accumulations are expected. Feeling bitterly cold by late afternoon as northerly winds strengthen.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 06 Jan 2021	1.4mm	1.8mm	2.4mm

Forecast for Friday 08 Jan 2021

Weather: A few wintry showers are possible in the morning but these will clear leaving a nice afternoon with some brighter spells, a clear dry evening is expected.

Maximum wind: Northerly 15-20mph gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 60% first thing with some mist and fog, becoming 80% later with a few showers during the day.

Visibility: Cloud will mainly be above the summits but some scattered cloud will shroud the tops down to 400m as showers move through the area. Visibility may fall poor as snow showers go through.

Temperature: **Valleys:** Minus 2 rising to 3 Celsius.
At 600m: Minus 3 Celsius
Freezing level: 200m or less

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